



IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

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Re the Application of:

HOWELL et al.

Serial No.: 10/071,829

Filed: February 7, 2002

Attorney File No.: 4369-1-1

For: APPARATUS FOR ENHANCING  
IMMUNE RESPONSES IN  
MAMMALS

) Group Art Unit: 1642

) Examiner: Helms, L.

) SECOND PRELIMINARY AMENDMENT

CERTIFICATE OF MAILING

I HEREBY CERTIFY THAT THIS CORRESPONDENCE IS  
BEING DEPOSITED WITH THE UNITED STATES POSTAL  
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ADDRESSED TO THE ASSISTANT COMMISSIONER/FOR  
PATENTS, WASHINGTON, DC 20231 ON 10/15/02  
SHERIDAN ROSS, C.

BY: *Tyler Russell*

Assistant Commissioner for Patents  
Washington, D.C. 20231

Dear Sir:

Prior to the Examiner's initial review of the above-identified application on the merits, please enter the following amendments. Enclosed herewith is an amended fee calculation transmittal and check for the additional claim fees. Please credit any overpayment or debit any underpayment to Deposit Account No. 19-1970.

IN THE CLAIMS:

Please cancel Claims 44-49, without prejudice to or disclaimer of the subject matter therein.

Please add the following new Claims 50-82.

50. An extracorporeal system for reducing the amount of a targeted immune system inhibitor in whole blood, comprising:

- a) an apparatus for separating whole blood into a cellular component and an acellular component or a fraction of the acellular component, wherein the acellular component or the fraction of the acellular component contains a targeted immune